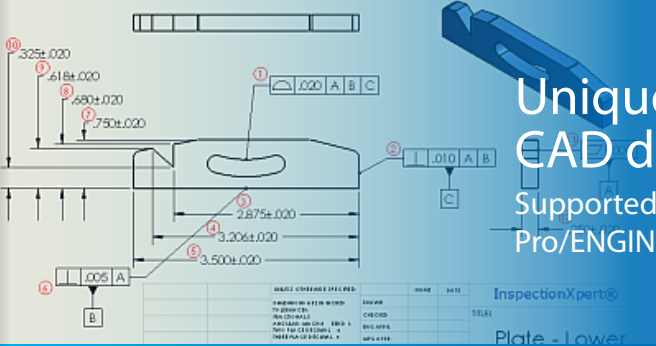




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are supported along with user-customizable report formats.

Form 3: Characteristic Accountability, Ver

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1. Part Number GS-1109							
Characteristic Accountability							
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	8a. UoM	8a. Plus Tolerance	8a. Minu Tolerance	
		id11	12.00	millimeters	.25	-.25	
		id12	$\square \square 0.10 A$	N/A	N/A	N/A	
		id13	$\square \square 0.20 A B$	N/A	N/A	N/A	
		id14	$\square \square \varnothing 0.50 \text{M} A B C$	N/A	N/A	N/A	



Provide standard, accurate inspection report
forms and drawings to inspectors.

InspectionXpert is inspection report automation and ballooning
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3S
SolidWorks
Solution
Partner



GD&T REFERENCE CHART

Per ASME Y14.5m - 1994

Type of Tolerance	Symbol	Characteristic	Controls		Feature Modifiers	Datums	Datum Modifiers	Bonus Tolerance	Notes
			Axis	Surface					
FORM		STRAIGHTNESS (of an axis)	X		YES	DATUMS NOT ALLOWED	N/A	YES	Rule #1 overridden
		STRAIGHTNESS (of a surface element)		X	NO		N/A	NO	Rule #1 applies
		FLATNESS		X	NO		N/A	NO	Tolerance must be less than size
		CIRCULARITY		X	NO		N/A	NO	Tolerance must be less than size
		CYLINDRICITY		X	NO		N/A	NO	Tolerance must be less than size
ORIENTATION		ANGULARITY	X	X	YES	DATUMS REQUIRED	YES	NO	Also controls flatness of surface
		PERPENDICULARITY	X	X	YES		YES	See notes	Feature modifiers OK if diameter is used
		PARALLELISM	X	X	YES		YES	NO	Also controls flatness of surface
RUNOUT		CIRCULAR RUNOUT		X	NO	DATUMS REQUIRED	NO	NO	Rule #1 applies
		TOTAL RUNOUT		X	NO		NO	NO	Rule #1 applies
PROFILE		PROFILE OF A LINE		X	NO	DATUMS REQUIRED	YES	NO	Rule #1 applies
		PROFILE OF A SURFACE		X	NO		YES	NO	Rule #1 applies
LOCATION		POSITION	X	See Notes	YES	DATUMS REQUIRED	YES	YES	Can control surface boundary
		CONCENTRICITY	See Notes		NO		NO	NO	Controls opposing median points
		SYMMETRY	See Notes		NO		NO	NO	Controls opposing median points